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C L A I M S

1. Construction panels made of two or more panels (1) with the space in between having a structural framework characterized by vertical structural members (17), Fig.6 and Fig.7 in the median area of the panel, made of galvanized steel square tubes with structural shoulder supports (19) for perimeter steel beam plates (22), (23) assembly, by vertical structural members (16), (16') on the sides of the panel made of galvanized steel tubes with structural shoulder supports (19) for perimeter steel beam plates (22), (23) assembly, by wood spacers (24) and by the method of their assembly.
2. Construction panels as per Claim No.1, with the structural framework being a steel reinforced concrete diaphragm, where the panels (1) are the incorporated concrete forms with joint spacers (3), field spacers (9), joint steel anchoring plates (5), (66), concrete form anchoring plate (6) with interior adjustment and the method of their assembly.
3. Construction panels as per Claim No.1, with the structural framework being a steel open web truss load bearing floor structure, where the panels (1), Fig.4 are the floor panels and the ceiling panels fastened to the top and bottom of the open web truss (21) which is anchored to the perimeter steel beam plates (22) or (23) through structural shoulder supports (20) and the method of their assembly.
4. Construction panels as per Claim No.1, with the structural framework being a steel open web truss load bearing roof structure, where the panels (1), Fig.27 are the roof panels and other roof enclosures fastened to the top and bottom of the open web trusses (21), now in the position of rafters, with anchors and support on to perimeter steel beam plates (23) using steel structural knee support (46), with lateral braces (54), Fig.21, and the method of their assembly.
5. Construction panels as per Claim No.1, with the structural framework being an additional spacer structure (48), where the panels (1), Fig.23, Fig.26 are added to existing exterior wall panels using galvanized steel plates (47), for an increased thermal insulation, sound absorption, waterproofing and fire rating function of the exterior wall panels, and the method of their assembly.
6. The structure and the envelope of a building erected with panels as per Claims No.1 to 5 and the method of assembly.